

Figure 2

The diagram shows a block labeled "Input Sense 70" with two inputs: "Prime Power" and "Emergency Power". An output from "Input Sense 70" goes to a block labeled "Prime Power to 'A' Fig 3B". Another output from "Input Sense 70" goes to a block labeled "Backup Power 71". From "Backup Power 71", an output line leads to a bracketed section containing the text "No Fault Monitoring" and "No Power Characteristic Monitoring".

The diagram illustrates the P.S. Control system architecture. It features four main functional blocks: Monitor 75, Monitor Compare 77, Fault Monitoring 73, and Shutdown Sequence 74.

- Monitor 75** receives **In Voltage** and **In Current** signals. It is also connected to **From Prime Power Fig. 3A**. It outputs a **Filter Algorithm** signal to **Monitor Compare 77**.
- Monitor Compare 77** receives **Update Voltage** and **Update Current** signals. It provides a **Feedback** signal to **Monitor 75** and a **Report** signal to **Fault Monitoring 73**. Its output is **To P.S. Control**.
- Fault Monitoring 73** receives four status signals: **Over V**, **Under V**, **Over V**, and **Under V**. It sends a **To CNI Health Computer** signal and a **Filtering Update** signal to **Monitor Compare 77**.
- Shutdown Sequence 74** receives a signal from **Monitor Compare 77**.

Figure 3B

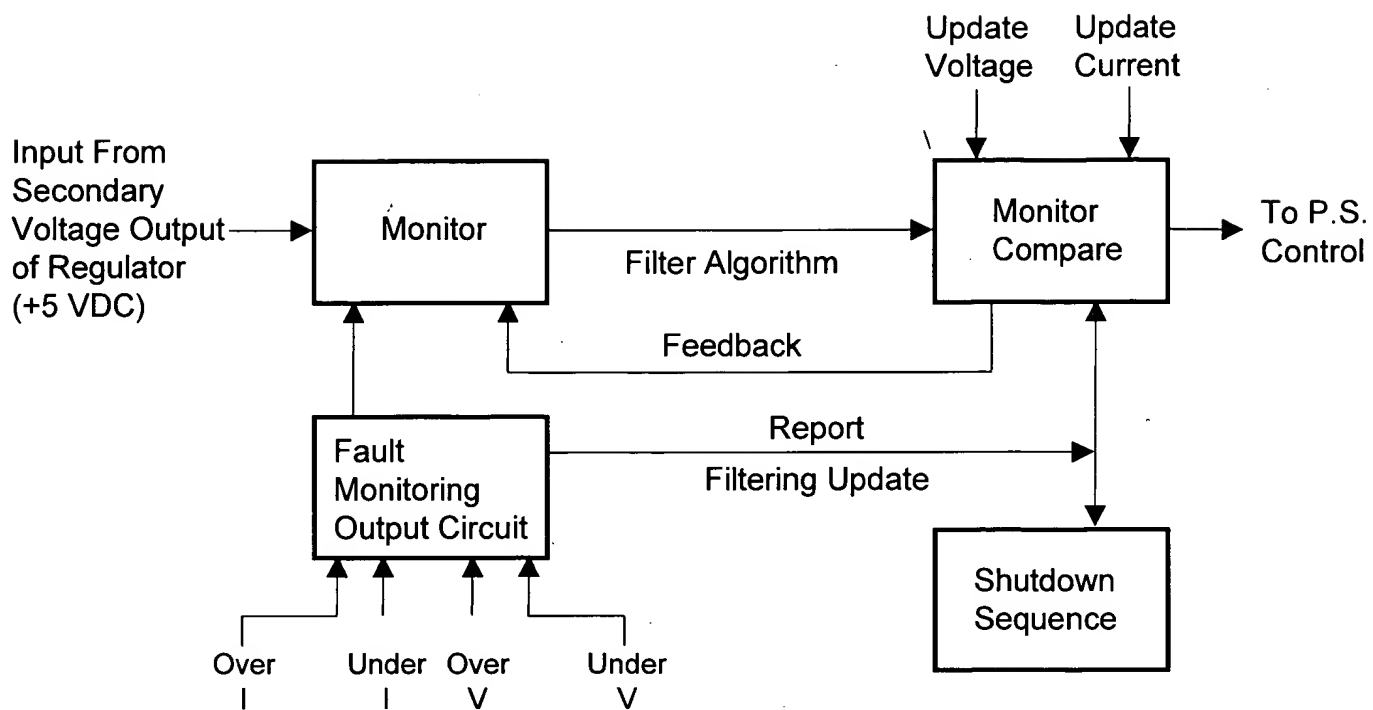


Figure 3C

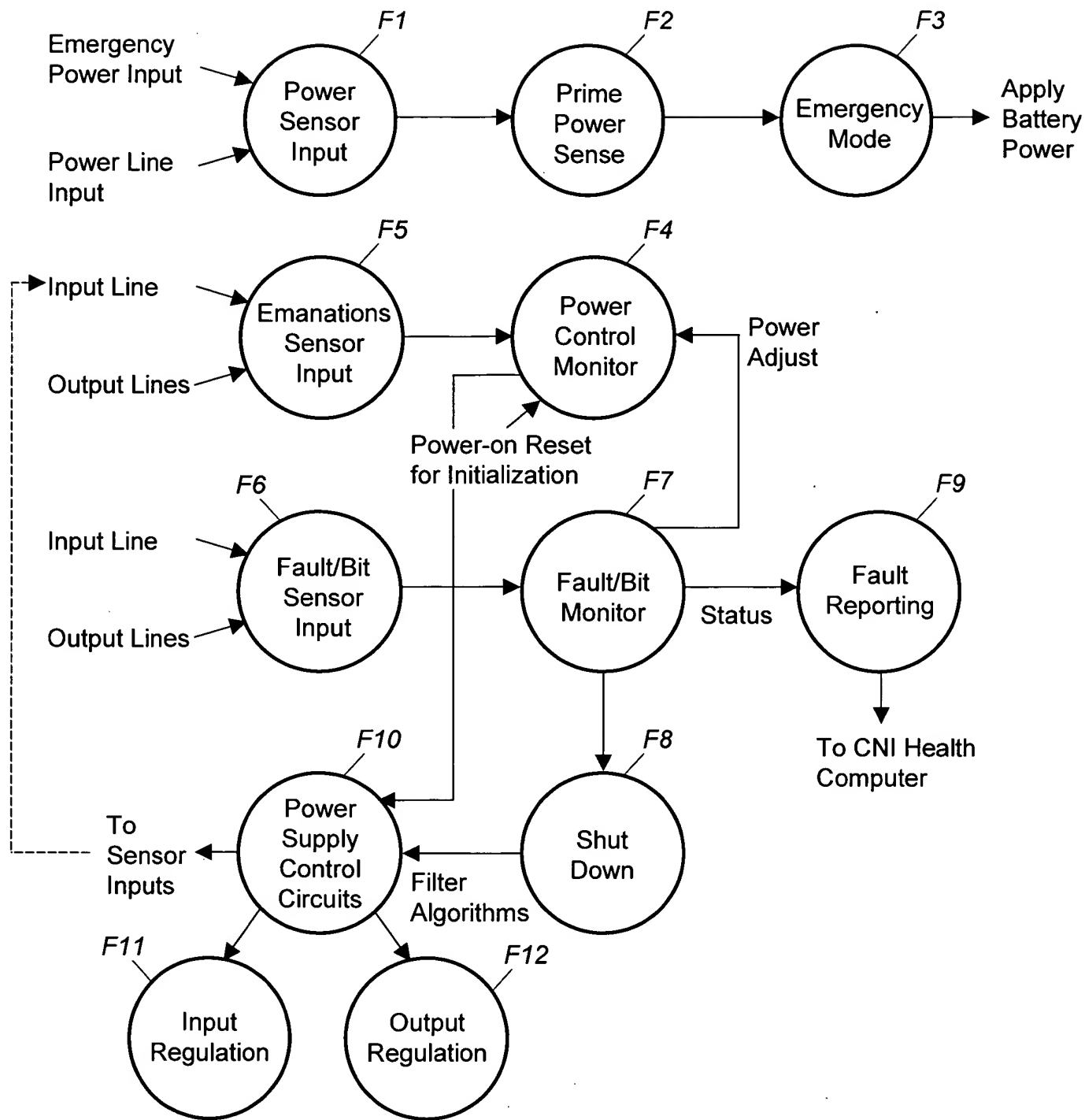


Figure 4

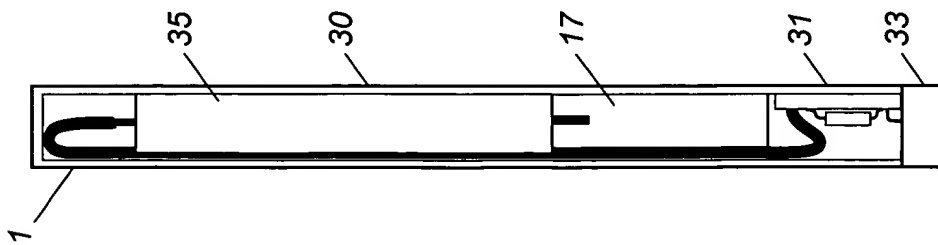


Figure 5

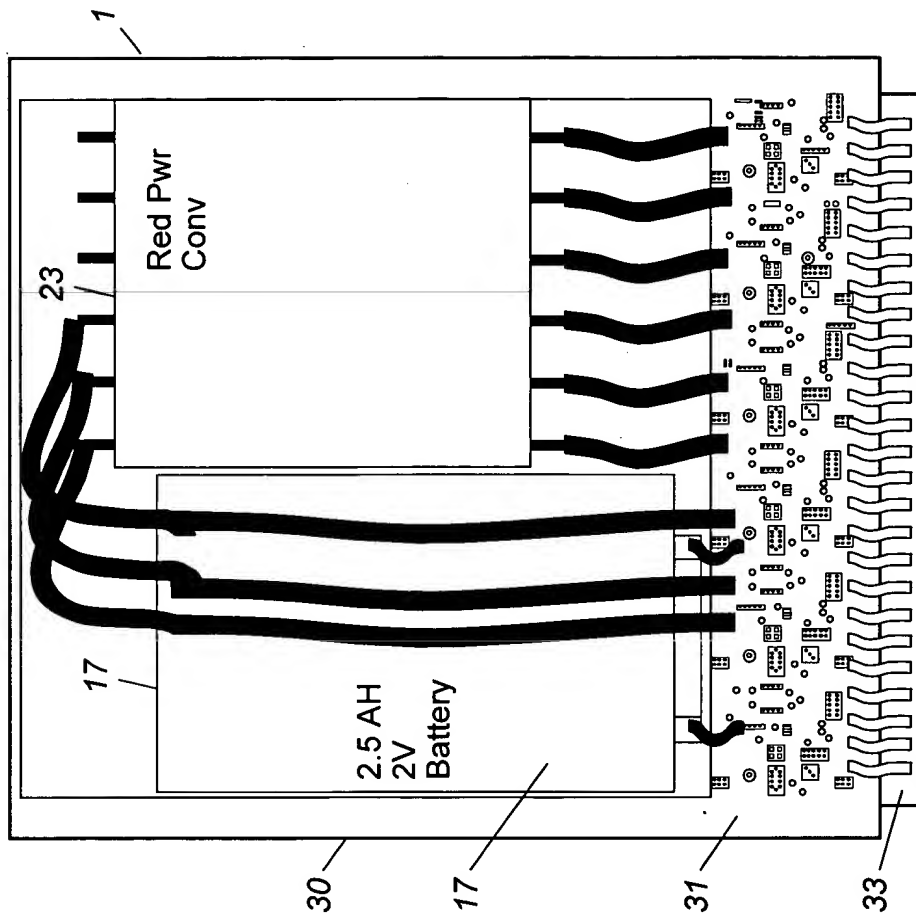


Figure 6